

Date: Thursday, 3/13/2008 10:20:54 AM  
 User: Kim Johnston

## Process Sheet

Customer : CU-DAR001 Dart Helicopters Services	Drawing Name : LUG WELDMENT
Job Number : 37936	
Estimate Number : 12393	
P.O. Number :	Part Number : D33531
This Issue : 3/13/2008 S.O. No. :	Drawing Number : D3353 REV.A
Prsht Rev. : NC	Project Number : N/A
First Issue : / / Type : SMALL /MED FAB	Drawing Revision : A
Previous Run : 37892	Material :
Written By :	Due Date : 3/31/2008 Qty: 4 Um: Each
Checked & Approved By : <u><i>[Signature]</i> 08 03 13</u>	
Comment : est rev. A 06.04.24 new issue EC	

## Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
---------	-----------------------	---------------

1.0	M1018B400X250	Inventory
-----	---------------	-----------



3.5



Comment: Qty.: 0.5250 f(s)/Unit Total : 2.1000 f(s)

1010-1025 BAR

0770

B 8-8-11

2.0	WATER JET	FLOW WATER JET
-----	-----------	----------------



Comment: FLOW WATER JET

1-Cut as per Dwg D

Dwg Rev: AProg Rev: A

B 8-8-11

(6)

2-Deburr

B 8-8-11

3.0	QC2	INSPECT PARTS AS THEY COME OFF MACHINE
-----	-----	--



B 8-8-11



Comment: INSPECT PARTS AS THEY COME OFF MACHINE

4.0	QC8	SECOND CHECK
-----	-----	--------------



Comment: SECOND CHECK

S 08/08/11 46

5.0	PACKAGING 1	PACKAGING RESOURCE #1
-----	-------------	-----------------------



(6x)

Comment: PACKAGING RESOURCE #1

Identify and Stock

Location: Cal

8/8/11

54

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Thursday, 3/13/2008 10:20:54 AM  
User: Kim Johnston

## Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: LUG WELDMENT

Job Number: 37936

Part Number: D33531

Job Number:



Seq. #:

Machine Or Operation:

Description :

6.0

QC21

FINAL INSPECTION/W/O RELEASE



(6)

Comment: FINAL INSPECTION/W/O RELEASE

D00108/12

Job Completion



MF 08-08-11

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

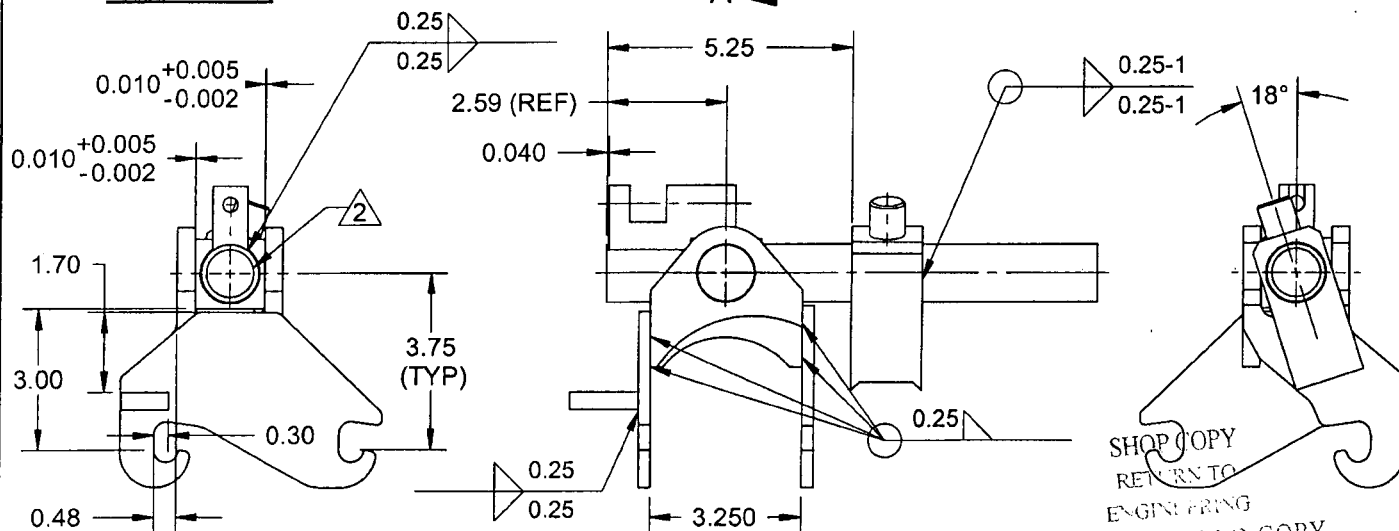
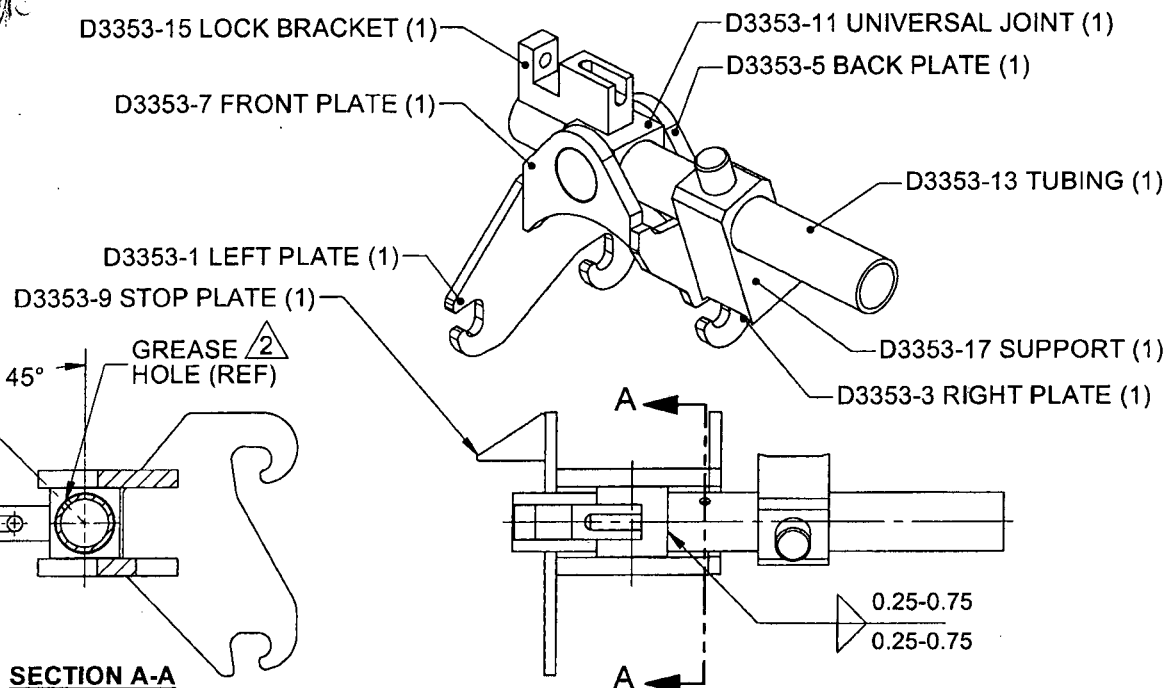
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



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DATE <b>04.12.14</b>	TITLE <b>LUG WELDMENT</b>		SCALE 1:4
A	04.12.14	NEW ISSUE	

**RELEASED**  
*[Handwritten: 04/15/15]***D3353-041 LUG WELDMENT****NOTES:**

- 1) WELD PER DART QSI 004
- 2) COVER INSIDE HOLES PRIOR PAINTING
- 3) FINISH: POWDER COAT PAINT FIRE RED (4.3.5.10) PER DART QSI 005 4.3
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) ALL DIMENSIONS ARE IN INCHES
- 6) BREAK ALL SHARP EDGES 0.010 TO 0.020

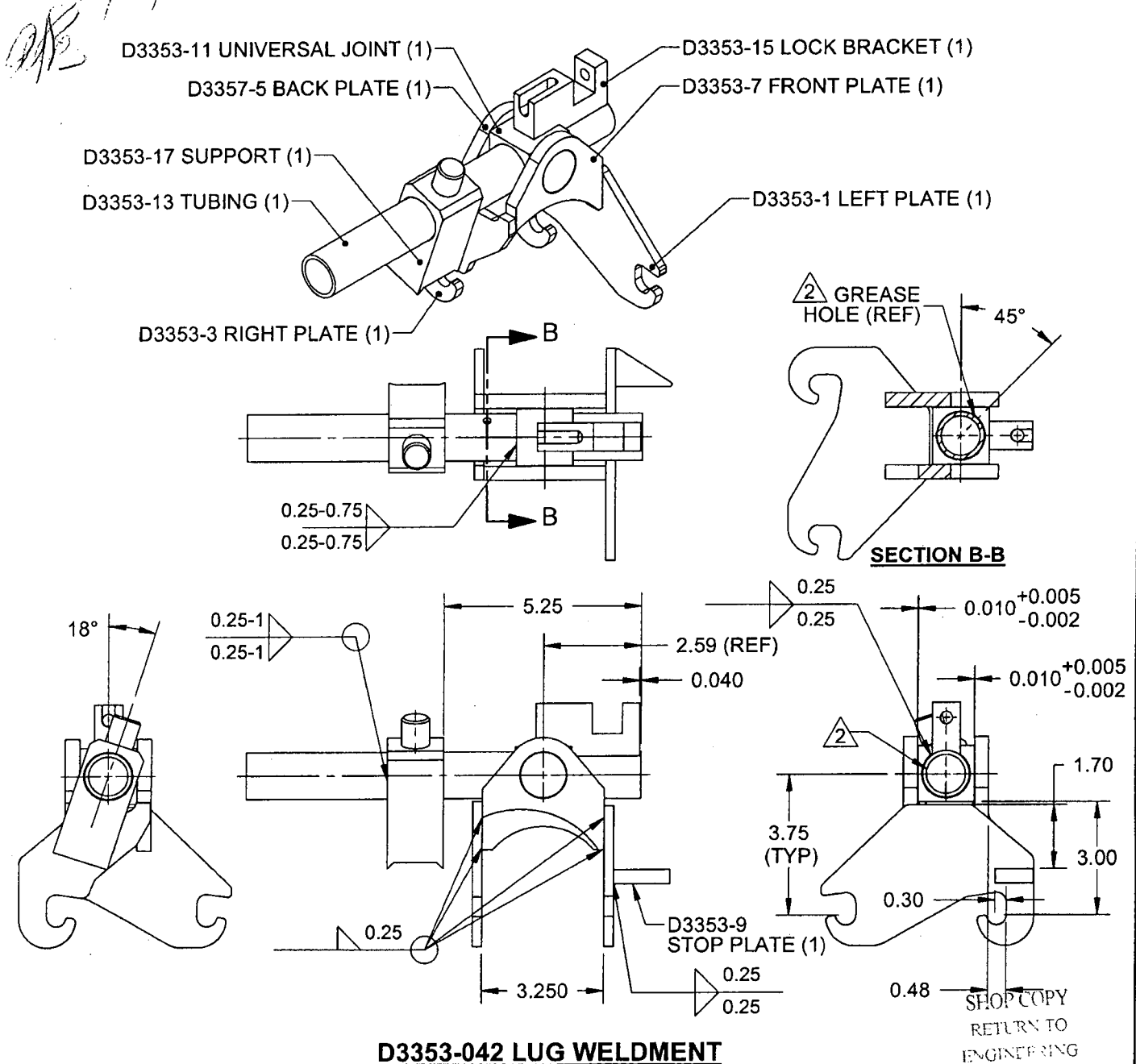
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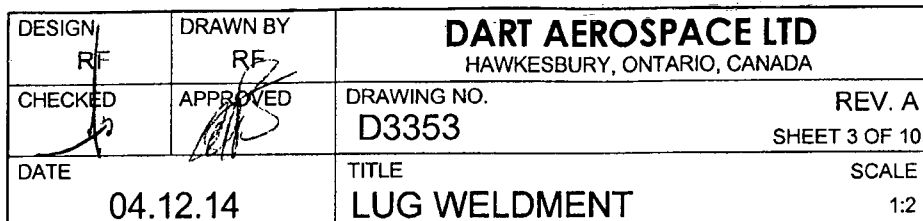
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DATE <b>04.12.14</b>	TITLE <b>LUG WELDMENT</b>		SCALE 1:4

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64/63/59**NOTES:**

- 1) WELD PER DART QSI 004
- 2) COVER INSIDE HOLES PRIOR PAINTING
- 3) FINISH: POWDER COAT PAINT FIRE RED (4.3.5.10) PER DART QSI 005 4.3
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) ALL DIMENSIONS ARE IN INCHES
- 6) BREAK ALL SHARP EDGES 0.010 TO 0.020

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APR 25 1964



1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A1008 OR CSA G40-21,  
38W/44W/50W/60W/70W SERIES STEEL 3 GAUGE (0.250 THICK)  
2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED  
3) ALL DIMENSIONS ARE IN INCHES  
4) BREAK ALL SHARP EDGES 0.010 TO 0.020

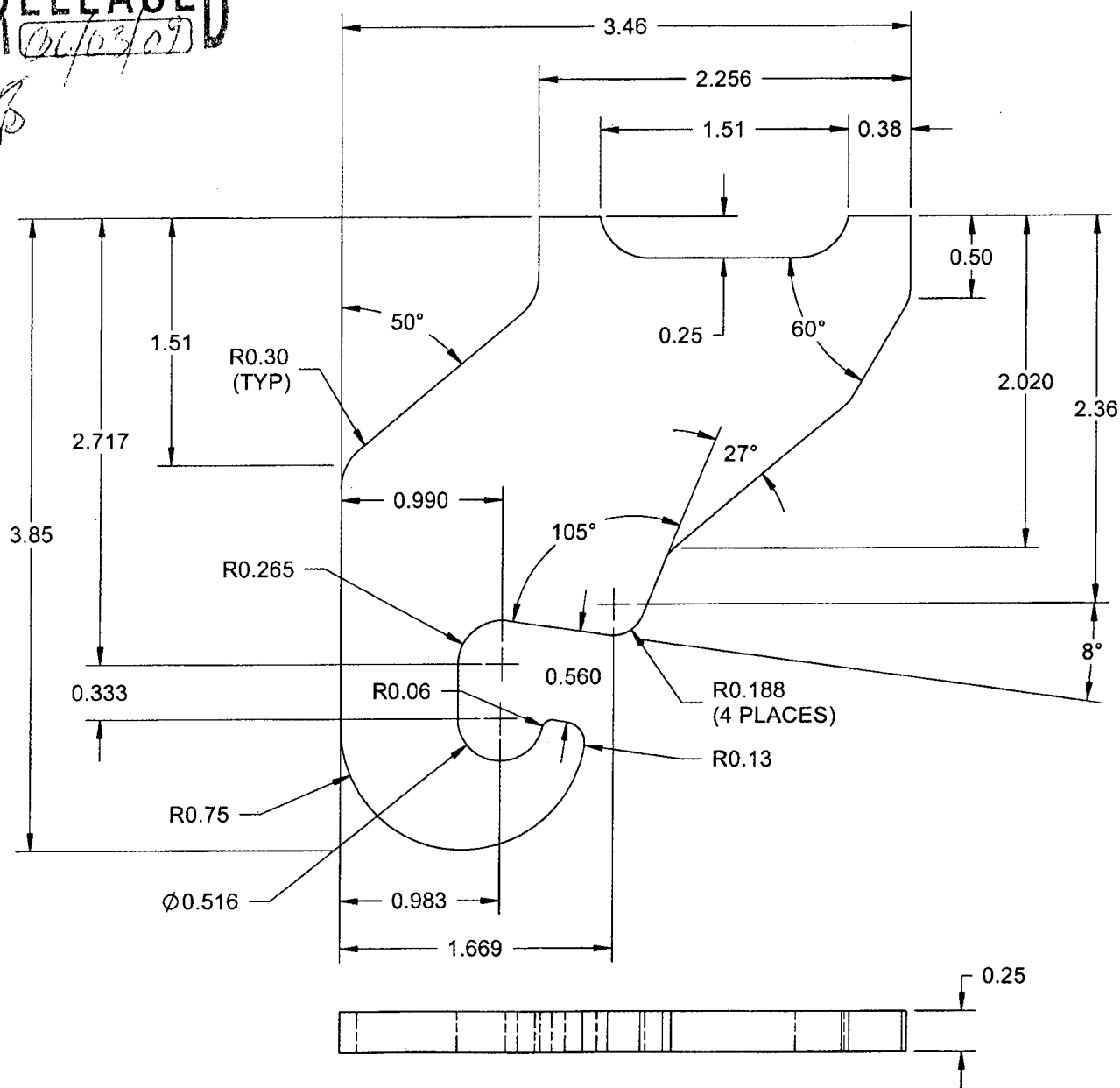
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VIA REGISTER  
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DATE <b>04.12.14</b>		TITLE <b>LUG WELDMENT</b>	SCALE 1:1

RELEASED  
06/03/09



### **D3353-3 RIGHT PLATE**

**NOTES:**

- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A108 OR CSA G40.21,  
38W/44W/50W/60W/70W SERIES STEEL 3 GAUGE (0.250 THICK)  
2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED  
3) ALL DIMENSIONS ARE IN INCHES  
4) BREAK ALL SHARP EDGES 0.010 TO 0.020

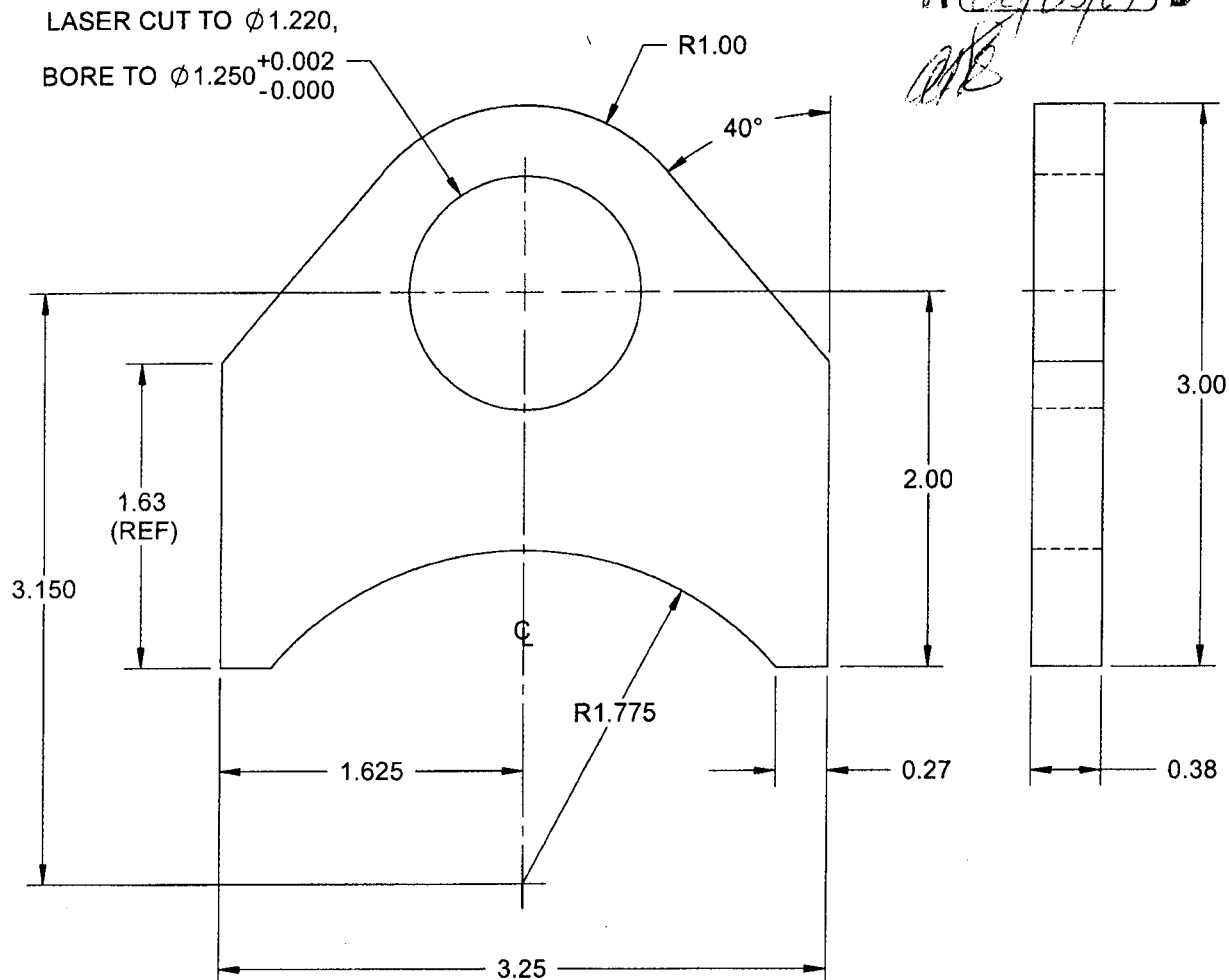
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DATE 04.12.14		TITLE LUG WELDMENT	SHEET 5 OF 10 SCALE 1:1

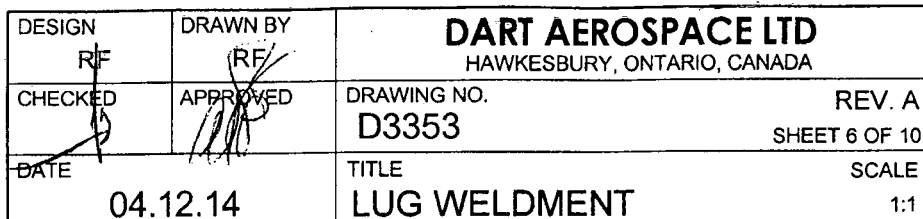
**RELEASED**  
*[Signature]*  
06/03/09**D3353-5 BACK PLATE****NOTES:**

- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A108 OR CSA G40.21, 38W/44W/50W/60W/70W SERIES STEEL 0.375 THICK PLATE  
MIN. ULTIMATE TENSILE STRENGTH = 42 ksi  
MIN. YIELD TENSILE STRENGTH = 28 ksi
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.010 TO 0.020

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260307



1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A108 OR  
CSA G40.21, 38W/44W/50W/60W/70W SERIES  
STEEL 0.375 THICK PLATE  
MIN. ULTIMATE TENSILE STRENGTH = 42 ksi  
MIN. YIELD TENSILE STRENGTH = 28 ksi

2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

3) ALL DIMENSIONS ARE IN INCHES

4) BREAK ALL SHARP EDGES 0.010 TO 0.020

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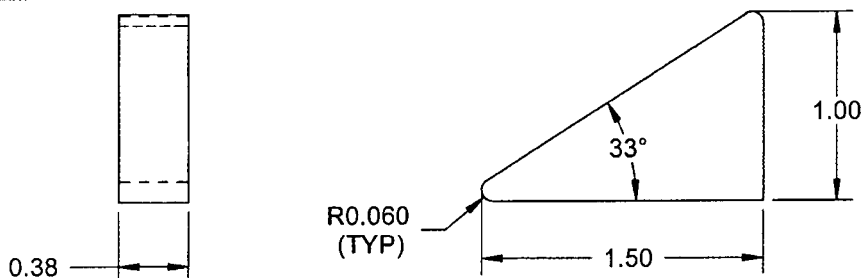
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DATE 04.12.14		TITLE LUG WELDMENT	SCALE 1:1

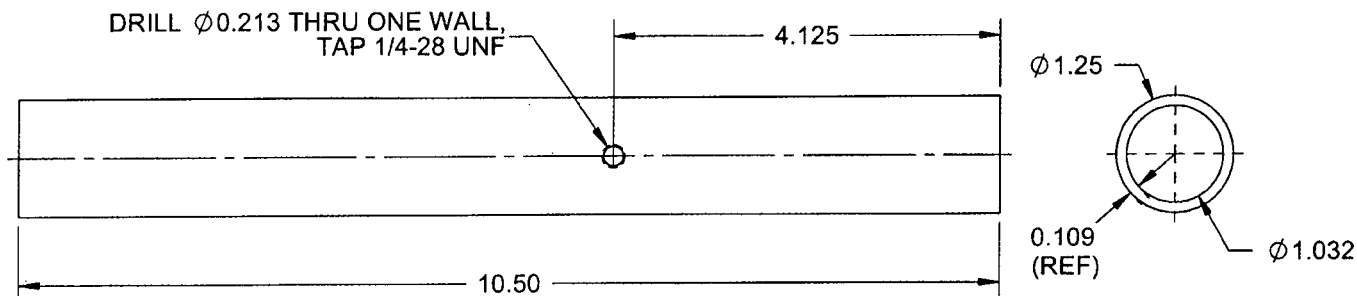
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6/3/09

*[Handwritten signature]*



### D3353-9 STOP PLATE

- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A569/A570 OR  
CSA G40.21, 38W/44W/50W/60W/70W, 0.375 THICK  
MILD STEEL BAR (REF. DART SPEC. M1010-B)



### D3353-13 TUBING

#### NOTES:

- 1) MATERIAL: MIL-T-5066 OR ASTM A513-00 MT1020 SRA OR AMS 5075 OR AMS 5077,  
Ø 1.250 x 0.125 WALL, COLD DRAWN STEEL TUBING  
(REF. DART SPEC. M1020TR1.250W.109)

#### NOTES:

- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED  
3) ALL DIMENSIONS ARE IN INCHES  
4) BREAK ALL SHARP EDGES 0.010 TO 0.020

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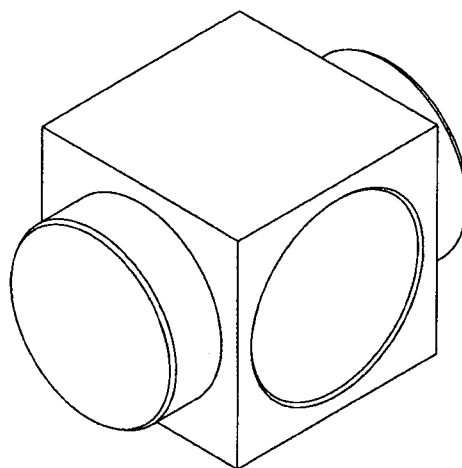
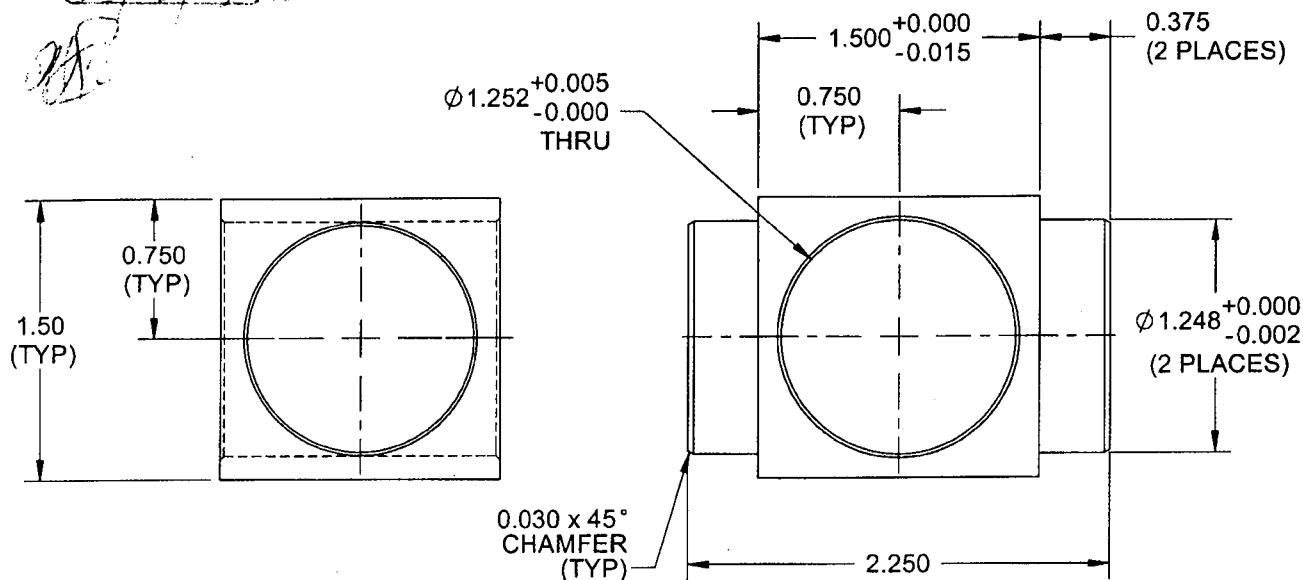
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06/33/09



### D3353-11 UNIVERSAL JOINT

#### NOTES:

- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A569/A570 OR CSA G40.21, 38W/44W/50W/60W/70W, 1.50 SQUARE MILD STEEL BAR (REF. DART SPEC. M1010-B)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.010 TO 0.020

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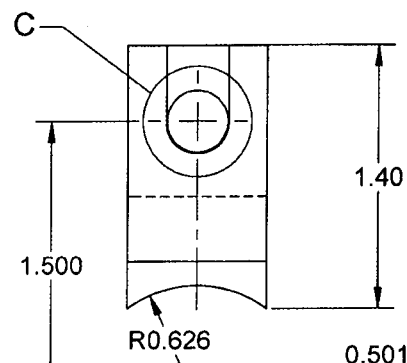
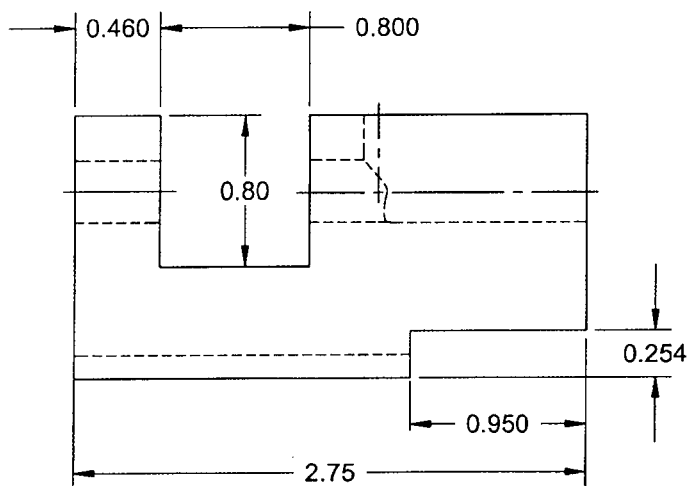
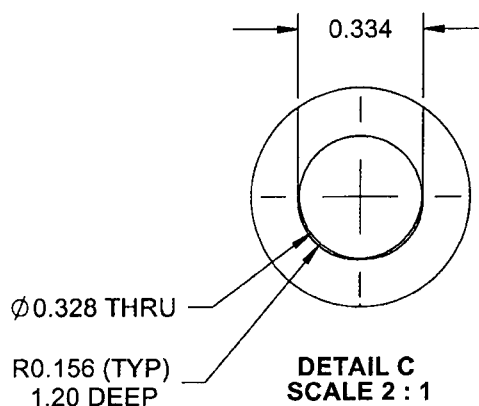
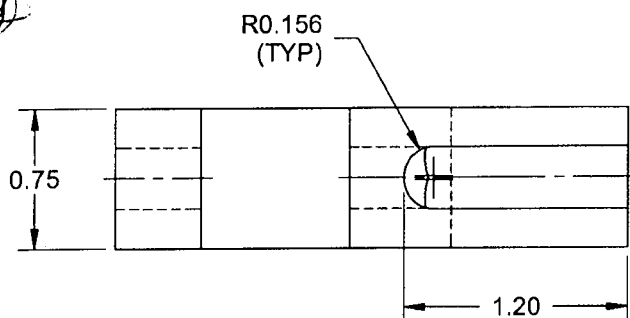
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DATE 04.12.14		TITLE LUG WELDMENT	SCALE 1:1

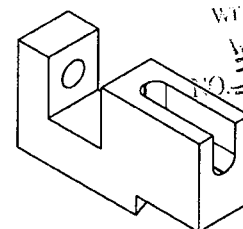
RELEASED  
03/22/09



### D3353-15 LOCK BRACKET

#### NOTES:



- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A569/A570 OR CSA G40.21, 38W/44W/50W/60W/70W, 0.75 THICK MILD STEEL BAR (REF. DART SPEC. M1010-B)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.010 TO 0.020



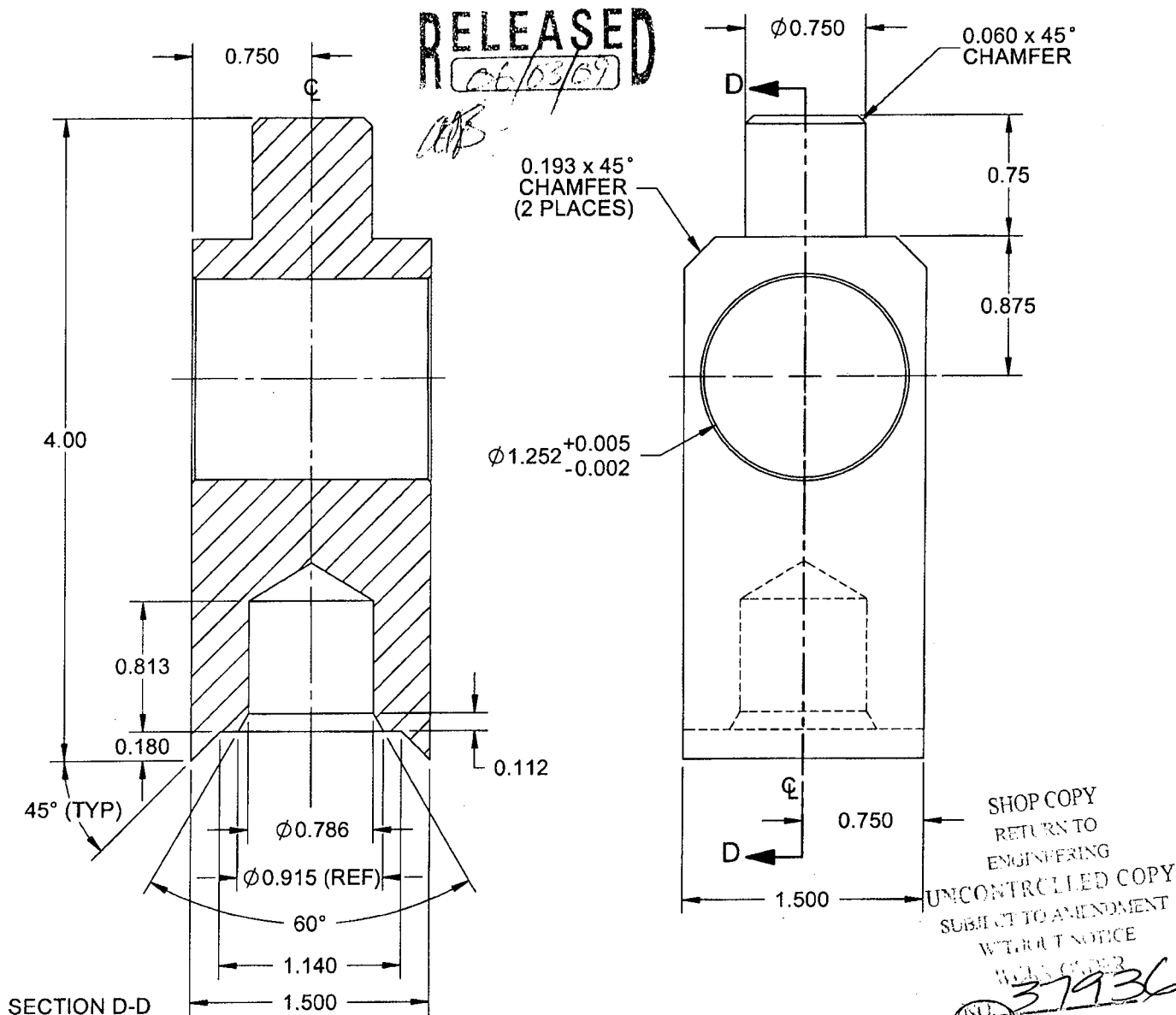
ISOMETRIC VIEW  
SCALE 1 : 2

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DATE <b>04.12.14</b>		TITLE <b>LUG WELDMENT</b> SCALE 1:1	

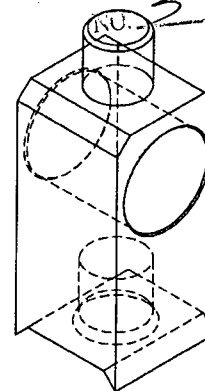
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## D3353-17 SUPPORT

**NOTES:**

- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A569/A570 OR  
CSA G40.21, 38W/44W/50W/60W/70W, 1.50 SQUARE MILD  
STEEL BAR (REF. DART SPEC. M1010-B1.500x01.500)  
2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED  
3) ALL DIMENSIONS ARE IN INCHES  
4) BREAK ALL SHARP EDGES 0.010 TO 0.020



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